



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/939,413 Confirmation No. 4302
Applicant : Liew C. Chiu
Filed : 08/23/2001
TC/A.U. : 2874
Examiner : Tina M. Lin
Title : FIBER OPTIC MODULES WITH PULL-ACTION
DE-LATCHING MECHANISMS (As Amended)

Docket No. : 003918.P017X
Customer No. : 8791

Commissioner for Patents
PO Box 1450
Alexandria VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action, mailed June 19, 2003,
please enter the following amendments and remarks in the
above-identified Application that follow below:

Figure Amendments begin on page 2.

Specification Amendments begin on page 8.

Claim Amendments begin on page 15.

Remarks begin on page 25.

Conclusion with signature is on page 34.

Appendix 1 of 43 formal drawing sheets is attached hereto
following page 34.

Appendix 2 of 16 annotated drawing sheets of the amended
figures is attached hereto following page 34.

Appendix 3 of 3 pages of an Official Gazette Notice is
attached hereto following page 34.

Appendix 4 of 4 pages of an EIDS filed 09/19/2002 is
attached hereto following page 34.

Appendix 5 of 4 pages of an EIDS filed 09/23/2002 is
attached hereto following page 34.

Appendix 6 of 3 pages of an EIDS filed 05/08/2003 is
attached hereto following page 34.

Appendix 7 of 5 pages of an EIDS filed 05/15/2003 is
attached hereto following page 34.

IN THE FIGURES

Attached as Appendix 1 are 43 sheets of formal drawings of Figures 1-40I. The formal drawings are submitted in response to a request in the Office Action.

In order to prepare formal drawings and correct inconsistent reference number usage therein, Applicant has amended Figures 8A, 8D, 8G, 9A, 9G, 9I, 10A, 10D, 10E, 11C, 13A, 18D, 22B, 27B, 27C, 29F, 33A-33D, 34A, 34C, 34E, 35A, 35E, 35G, 36A, 36C, 36G, 38E, 39A, 39B, 39C, 39D, 39F, 39G, 39H, 40B, and 40D as described below and indicated on the annotated version of the drawings attached hereto as Exhibit 2.

Figure 8A, Applicant has deleted the text "EMI SHIELD" from the drawing.

Figure 8D, Applicant has deleted the text "FLEXIBLE ARM" from the drawing.

Figure 8G, Applicant has deleted the text "RUBBERIZED GRIP" from the drawing.

Figure 9A, Applicant has deleted the text "OFF-SET PUSH TAB" from the drawing.

Figure 9G, Applicant has deleted the text "SNAP-ON HOOK" from the drawing.

Figure 9I, Applicant has deleted the text "ORIENTATION INDICATOR" from the drawing.

Figure 10A, Applicant has deleted the text "(1) ACTUATOR-KICKER" from the drawing.

Figure 10D, Applicant has deleted the text "(3) NOSE GRIP" from the drawing.

Figure 10E, Applicant has deleted the text "(2) WITHDRAWAL TAB" from the drawing.

Figure 11C, Applicant has deleted the text "BOTTOM CAGE" and its reference line from the drawing. Applicant has further added a reference number 1108 consistent with the reference number 1108 shown in Figures 11B, 11D, and 11E.

Figure 13A, Applicant has amended an incorrect reference of "Fig. 14A" therein to --Fig. 13B-- around a dotted box so that the proper magnified view, Fig. 13B, is identified.

Figure 18D, Applicant has amended a reference number "708A" to --709A-- to correct an incorrect reference number. Reference number 709A is an optional pull grip of the withdraw tab 708A.

Figure 22B, Applicant has amended a reference number "2002" to --2202-- to correct an incorrect reference number. Reference numbers 2202 is correctly identified in the detailed description as a pull actuator.

Figure 27B, Applicant has amended a reference number "2404" to --2204-- to correct an incorrect reference number. Reference number 2404, the incorrect reference number, is used in the detailed description to describe an orientation indicator 2404 as illustrated in Figure 24A, for example. Reference number 2204, the correct reference number, is used to designate the pivot-arm actuator 2204 in the detailed description of Figures 27A-27C and is illustrated in Figure 26B, for example.

Figure 27C, Applicant has amended a reference number "2516" to --2506-- to correct an incorrect reference number. Reference number 2516, the incorrect reference number, is not used in the detailed description. Reference number 2506, the correct reference number, is used to designate the pivoting pin 2506 in the detailed description of Figures 27A-27C and is illustrated in Figures 25A-25I and 26C, for example.

Figure 29F, Applicant has deleted a dangling reference line.

Figures 33A-33D, Applicant has respectively swapped reference numbers 2200A and 2200B with 2202A and 2202B to correct the reference numbers therein. Reference numbers 2202A and 2202B are correctly identified in the detailed description as pull actuators while 2200A and 2200B are nose receptacles of stacked fiber optic modules.

Figure 34A, Applicant has deleted the text "Bail Latch" from the drawing.

Figure 34C, Applicant has deleted the text "Pivoting Pin" and "Actuator" from the drawing.

Figure 34E, Applicant has deleted the text "Nose/Receptacle" from the drawing.

Figure 35A, Applicant has deleted the text "Pivoting Pin" from the drawing.

Figure 35E, Applicant has deleted the text "Pulling Arm" from the drawing.

Figure 35G, Applicant has deleted the text "Push Tab" from the drawing.

Figure 36A, Applicant has deleted the text "Sliding Guide Slots" from the drawing.

Figure 36C, Applicant has deleted the text "Lifters" from the drawing.

Figure 36G, Applicant has deleted the text "Butting Surface" from the drawing.

Figure 38E, Applicant has added a reference number -- 1308--consistent with its usage in the drawings of Figure 37C, 37E, 38B, and 38C.

Figure 39A, Applicant has deleted the text "Actuating Tab" and "pull Arm" from the drawing.

Figure 39B, Applicant has deleted the text "Pivot Pins" and "Partial pull arm", and "Lever" from the drawing. Applicant has further added a reference number 3901 to replace the deleted text "lever". The detailed description has been correspondingly amended to include the reference number -- 3901-- after "lever" therein.

Figure 39C, Applicant has deleted the text "long pin" from the drawing.

Figure 39D, Applicant has deleted the text "Actuating Tab" and "pull Arm" from the drawing.

Figure 39F, Applicant has deleted the text "lever arm" from the drawing.

Figure 39G, Applicant has deleted the text "conical retainers" from the drawing.

Figure 39H, Applicant has deleted the text "holes" from the drawing.

Figure 40B, Applicant has moved a reference number "3402A" to a different location and added a reference number --3404A-- in its place so that they are consistent with their usage in the drawings of Figures 40A and 40C-40I.

Figure 40D, Applicant has added a reference number -- 1002--consistent with its usage in the drawing of Figure 40H.

Attached as Appendix 2 are 16 annotated sheets of drawings of Figures 8A, 8D, 8G, 9A, 9G, 9I, 10A, 10D, 10E, 11C, 13A, 18D, 22B, 27B, 27C, 29F, 33A-33D, 34A, 34C, 34E, 35A, 35E, 35G, 36A, 36C, 36G, 38E, 39A, 39B, 39C, 39D, 39F, 39G, 39H, 40B, and 40D to show these drawing amendments.

The clean drawings of these amended figures are included as part of the 43 formal drawing sheets in Appendix 1.

Attachments: Appendix 1 43 Formal Drawing Sheets
Appendix 2 16 Annotated Sheets Showing Changes